

ELTEX® TUB121

High Density Polyethylene Copolymer
INEOS Olefins & Polymers Europe

PROSPECTOR®

www.ulprospector.com

Technical Data

Product Description

ELTEX® TUB121 is a high-density polyethylene copolymer designed for injection moulding of pipe fittings. It is characterized as PE 100 Black pipe compound

Benefits & Features

ELTEX® TUB121 is classified PE 100 in accordance with ISO 12162 based on ISO 9080 analysis.
ELTEX® TUB121 is specifically recommended for injection moulding of fittings.

Applications

- Gas
- Water
- Industrial

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
Search for UL Yellow Card	• INEOS Olefins & Polymers Europe
Availability	• Europe
Additive	• Carbon Black: 2 to 3%
Features	• Copolymer • High Density
Uses	• Fittings • Industrial Applications
Agency Ratings	• ISO PE 100
RoHS Compliance	• Contact Manufacturer
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Density (23°C)	0.959 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.45 g/10 min	ISO 1133
Carbon Black Dispersion	< 3	ISO 18553

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus (23°C)	1100 MPa	ISO 527-1/1
Tensile Stress (Yield, 23°C)	25.0 MPa	ISO 527-2
Tensile Strain (Break, 23°C)	> 350 %	ISO 527-2/50

Thermal	Nominal Value Unit	Test Method
Vicat Softening Temperature	128 °C	ISO 306/A50
Oxidation Induction Time (210°C)	> 20 min	ISO 11357-6

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.



ELTEX® TUB121

High Density Polyethylene Copolymer
INEOS Olefins & Polymers Europe

PROSPECTOR®

www.ulprospector.com

Where to Buy

Supplier

INEOS Olefins & Polymers Europe

, Belgium

Telephone: +32-2264-3808

Web: <http://www.ineospolyolefins.com/>

Distributor

Biesterfeld Plastic GmbH

Biesterfeld is a Pan European distribution company. Contact Biesterfeld for availability of individual products by country.

Telephone: +49-40-32-00-80

Web: <https://www.biesterfeld.com/>

Availability: Africa & Middle East, Europe

Distrupol Ltd

Distrupol Ltd is a Pan European distribution company. Contact Distrupol Ltd for availability of individual products by country.

Telephone: 08452003040

Web: <http://www.distrupol.com/>

Availability: Ireland, United Kingdom

SNETOR

SNETOR is a Pan European distribution company. Contact SNETOR for availability of individual products by country.

Telephone: +33-1-4904-8888

Web: <http://www.snetor.com/>

Availability: Africa & Middle East

